Group mobile™
Your Source For Rugged Mobile Computers

Motion Computing J3500 Rugged Tablet Computer

The Motion J3500 is a rugged and powerful tablet PC for field professionals requiring a tough device for working in harsh mobile conditions such as construction, field services, and healthcare. With dual touch technology, the Motion J3500 enables mobile workers to use a digitizer pen and touch input to navigate both touch-enabled software applications and programs that require the accuracy of pen input, such as signature capture.

The Motion J3500 weighs only 3.6 pounds and is rugged enough to withstand 3-foot drops, bumps, dust, rain, standard cleansers, temperature extremes, or other conditions that can damage commercial-grade mobile computing device while in the field. The J3500's display is available with Motion's View Anywhere® technology for advanced outdoor visibility, and break-resistant Gorilla™ Glass to make the device suitable for rugged environments.

The Motion J3500 tablet computer has 802.11a/b/g/n WLAN, 10/100/1000 Ethernet, Bluetooth®, SmartCard reader, express card, built-in 3MP camera/video, dual hot-swappable batteries, and a biometric fingerprint reader standard. Motion offers integrated upgrades for the J3500 including: Gobi™ mobile broadband, enhanced system storage options including solid state drives, and Motion's View Anywhere display technology.

Features

- All of the durability and functionality of a rugged PC without the extra weight and expense
- Multiple display options including capacitive dual touch displays and an outdoor View Anywhere display with Gorilla glass
- Ergonomically designed to be carried around all day a with balanced weight distribution and slip-free grip
- Dual hot-swappable battery feature extends the computing day and enables easy replacement of charged batteries without interruption
- Battery charger, FlexDock, and attachable, spill-resistant mobile keyboard accessories are available for even greater productivity

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Product Specifications

Operating System:

- Windows® 7 Professional

Processor:

- Intel® Core™ i7-660UM Processor
- Optional Intel Core i7-680UM vPro Processor

Storage:

- 1.8" hard disk drive with 160GB capacity
- Optional 64GB or 128GB solid state drive (SSD)

Memory:

- 2GB DDR3 memory operating at 800MHz
- Upgradeable to 4GB max total memory (2GB x 2)

Display:

- 12.1" AFFS+ LED backlight digitizer wide screen(WXGA) display with dual touch
- Optional 12.1"TN LED backlight digitizer wide screen (WXGA)display with dual touch
- Optional 12.1" AFFS+ LED backlight digitizer wide screen View Anywhere® (WXGA) display with Gorilla™ glass

Communications:

- Integrated Intel® Centrino® Ultimate-N 6300 (802.11 a/b/g/n)
- 10/100/1000 Ethernet
- Integrated Bluetooth® 2.1+EDR Module
- Optional Integrated Mobile Broadband (Gobi™ 2000)
- Optional GPS capabilities via Gobi 2000 - 1 SIM slot

Expansion Card Slot:

- One SmartCard slot
- One Express Card 34 slot

I/O Ports:

- Microphone-in
- Headphone-out
- Two USB 2.0 ports
- Keyboard connector
- External VGA port
- RJ-45 connector (Gigabit LAN)
- Docking connector
- DC power in

Camera:

- Autofocus
- Up to 3 megapixel image resolution
- JPG photo format with a resolution up to 2048 x 1536 pixels
- Illumination light

Audio:

- Motion Speak Anywhere® noise cancellation technology — Multi-directional array microphone design intelligently switches between two of the three microphones based on screen orientation (Windows XP only)
- Two integrated speakers

Video RAM:

- Maximum 256MB total with Intel Dynamic Video Memory Technology (DVMT)

Graphics:

- Intel® HD Graphics with dynamic frequency
- Screen Rotation: 0°, 90°

Power Supply:

- 65W universal AC Adapter, 3-pin jack
- 100-240V ~1.5A, 50-60Hz

Battery:

- Lithium-ion battery with 30WHr capacity
- One battery capacity: ~3.3 hours2
- Two battery capacity: ~7 hours2
- Maximum 60WHr
- Battery charging time: 1.5 hours for both system batteries (Tablet PC on/off)

Dimensions & Weight:

- 12.7" x 9.09" x .90" (323mm x 231mm x 23mm)
- 3.6 lbs. with one battery, 4.0 lbs. with two batteries

Durability:

- Meets MIL-STD-810G
- IP52 rated - Water, dust and splash resistant
- Shock-mounted display and hard drive
- Durable Gorilla™ glass (non-touch configurations only)
- Rubberized coated bottom housing for shock dampening
- Magnesium-alloy internal frame

Software:

- Motion dashboard control panel
- Motion/Softex OmniPass™ security software
- Infineon security platform tools
- Motion QuickNav
- Adobe Acrobat Reader
- Windows Journal
- Sticky Notes
- Pen-enabled BIOS setup

Security Features:

- Integrated AuthenTec AES2550 fingerprint reader
- TCG Trusted Platform Module (TPM) 1.2
- Universal lock slot
- Computrace Complete (optional)

Safety:

- AS/NZS 3260:1997
- AS/NZS 60950-1 (1st & 2nd Edition)
- FCC/ANSI C63.41
- UL, CUL, CE (IEC/EN60950-1 A11/2009)
- IEC/EN 60950-1 2nd Edition (2005)
- CAN/CSA RSS-102
- FCC OET65 Supplement C
- ETSI EN 50392
- LVD (73/23/EEC)
- EU Directive 2002/95/EC
- EU Directive 2002/96/EC
- EU Directive 2006/66/EC and its amendments
- California Proposition 65
- Technical Instructions for Safe Transport of Dangerous
- Goods by Air (ICAO Doc #9284)
- Emergency Response Guidance for Aircraft incidents involving Dangerous Goods (ICAO Doc #9481)

Environmental:

- AC power operation temperature: +5 °C to +40 °C (+41 °F to +104 °F)
- Battery power operation temperature: +5 °C to +45 °C (+41 °F to +113 °F)
- Storage temperature: -20 °C to +60 °C (-4 °F to 140 °)
- Operation humidity: 8% to 80% without condensation
- Storage humidity: 8% to 90% without condensation
- Operation altitude: sea level 0 to 10K ft; sea level to 15K ft. when configured with SSD storage
- Storage altitude: sea level 0 to 15K ft.

Warranty:

- Standard 1-year warranty
- Multi-year options available

Consider purchasing these additional items to make your new portable computer more efficient, convenient, and a complete mobile solution. Pricing and information specific to your make and model can be found on our website, or you can discuss your options with your sales professional for expert guidance and suggestions. Not all of these additional items are available for all types or brands of portable computer.

Additional RAM Memory: Adding additional RAM memory is often the easiest and least expensive way to upgrade your computer for a significant boost in performance. The computer's RAM memory is its workspace, or where all of the instructions it needs to act on are stored temporarily.

Additional Storage: A computer's hard drive stores your operating system, programs and files. Hard drive space is measured in gigabytes (GB) and the higher the GB level the greater the collective file size of everything you can save on the computer. Some computer models offer spare, removable hard drives, while others offer an external hard drive.

External Drives: Some computer models come with a DVD/CD Multi drive, meaning you can read and write CD's and DVD's. Other computer models require an external USB drive. Also, some manufacturers offer an external floppy disk drive.

Power Options: Having additional power options available will keep you from running out of power at just the wrong time, there are several options available:

Additional AC Adapter – A convenient extra AC Adapter with Power Cord allows you to keep one at home and one at the office, no need to carry it back and forth.

Automobile Adapter – The automobile power adapter, also known as a cigarette lighter adapter, allows you to power your portable computer while in your vehicle, as well as charge your battery. Some of these adapters can also be used on an airplane.

External Battery Charger – The external battery charger allows you to keep your battery charged, it does not come with an AC Adapter – you can use the one that comes with the computer or purchase an additional one.

Spare Batteries - Purchase additional or replacement batteries to ensure you will always have one available. Some computers also have a place for a secondary battery, such as in the media bay. Check with your sales professional if you would like more information on these options for your model.

Mobile Printers and Scanners - A mobile printer or scanner increases your efficiency, no more running back to the office to print documents or receipts or to scan information to your computer. Our lineup of mobile printers are ready to go anywhere, they are small, lightweight, and available in different output sizes. Whether you need a full size page or just a receipt, we have the mobile printer or scanner for you.

Security Options – Keeping your investment secure is a priority, and there are several options available. Depending on the computer & model these include fingerprint scanner, smartcard reader, cable lock slot etc.

ComputraceComplete – (LoJack for your portable computer) – Computrace works behind the scenes to silently and securely contact the Absolute Monitoring Center. Using any type of internet connection, the computer makes contact every 24 hours to report its location. If a computer is reported missing or stolen, the machine is flagged to call in every 15 minutes and then the Absolute Recovery Team goes to work. The team provides law enforcement with tracking information to pinpoint the physical location of the computer and documentation needed to obtain subpoenas and procure search warrants. However, not every computer manufacturer offers computrace.

Targus DEFCON Notebook Computer Locks – The Targus DEFCON Notebook Computer Lock comes in either a cable or key lock. The lock is a 6 ft. steel cable that is cut resistant galvanized steel and can be wrapped around any secure object and attached to your cable lock slot that is built into most notebook computers. Any attempt to remove the lock will visibly damage the computer, preventing resale therefore discouraging theft. Don't let your computer be one of the nearly 1,000 portable computers stolen every day.

Other Accessories – There are many accessory items available to make using your computer more convenient and efficient, as well as user friendly. Some of these items include: carry cases designed for your model, port replicators making it easy

to create a "desktop" environment or adding additional ports to your computer, extra stylus pens so a misplaced or forgotten pen won't slow you down, and protector films to ensure your display screen stays clear and clean.

Vehicle Docks and Mounts - Vehicle mounts hold your computer safely in place and allow for safe and comfortable use while in a vehicle. With custom fit bases, height adjustable poles, and docking station and you can run antennas, use the vehicle battery or add other peripherals for a complete mobile solution.

Warranty Extensions & Upgrades – Some warranty options and upgrades are only available at time of product purchase, but there are some manufacturers that will allow upgrades or extensions to be purchased at a later time.

Product Shots

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